

Title (en)

Protein crystallography hanging drop lid that individually covers each of the wells in a microplate

Title (de)

Abdeckung zum Halten von Tropfen zur Proteinkristallisation mittels Dampfdiffusion

Title (fr)

Couvercle de microplaque à goutte pendante pour la cristallographie de protéines

Publication

**EP 1384509 A3 20060315 (EN)**

Application

**EP 03076957 A 20030624**

Priority

US 17831702 A 20020624

Abstract (en)

[origin: US2003235519A1] A lid that individually covers each of the wells in a microplate and methods for fabricating and using the lid are described herein. The lid includes a series of downwardly protruding necks each of which is sized to fit and seal against one of the wells formed within the microplate. And, each neck has a surface covered with a rubber-like substance that ensures a relatively tight seal with each well. In operation, the lid and microplate are preferably used together to grow protein crystals using a hanging drop vapor diffusion crystallization process.

IPC 8 full level

**B01L 3/00** (2006.01); **C07K 1/30** (2006.01); **C30B 7/00** (2006.01); **C30B 29/58** (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [A] DE 19843655 A1 20000330 - BAYER AG [DE], et al

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EP1666646A4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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